



## Brown Coal Source of Humic Acid for Soil Remediation at Contaminated Sites



- Inexpensive brown coal processed to derive unique form of humic acid
  - Similar to humus formed naturally, but concentrated to produce unique properties
- Application for soil remediation in contaminated areas
  - Binds heavy metals and radionuclides
  - Demonstrated effective for PCB remediation
  - Improves soil for agriculture
  - Prevents the uptake of contaminants into grass or crops
- Commercialized technology already in production
  - Stabilite is trade name in U.S. market
  - Humosorb is trade name in Russia

## **Commercialization Started**

Stable Earth

Electro-Physical & Acoustic Technologies, Ltd.







Stable Earth Technology Louisville, KY

Electro-Physical & Acoustic Technologies, Ltd. Moscow, Russia

Institute of Chemical Means of Plant Protection

Moscow, Russia

Oak Ridge National Laboratory Oak Ridge, TN

Oak Ridge, TN